INDUSTRIAL COMPONENT DATA

FP 0,8/ 12-FV-SH 10,85 1154031 PHOENIX CONTACT Shielded SMD plug pin, rated current: 1.7 A, Test voltage: 50..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 0,8/ 12-FV-SH 10,85



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 0,8/ 12-FV-SH 10,85
Catalog number	1154031
Category	Printed circuit board connector
Minimum order	250 Pcs
Document ID	EO-D8496E0098
Generated	2026-11-18

Product Overview

Shielded SMD plug pin, rated current: 1.7 A, Test voltage: 500 V AC, number of poles: 12, pitch: 0.8 mm, color: black, contact surface: Au, contact connection type: Female, mounting: SMD soldering
Shielded SMD plug pin, rated current: 1.7 A, test voltage: 500 VAC, number of poles: 12, pitch: 0.8 mm, color: black, surface contacts: Gold, contact type: Female, mounting: SMD solder
Shielded SMD female connector, nominal current: 1.7 A, Test voltage: 500 V AC, number of positions: 12, pitch: 0.8 mm, color: black, contact surface: Gold, contact connection type: Socket, mounting: SMD soldering

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type Shielded SMD female connector
Product family FP 0,8/...-FV-SH 10,85
Number of positions 12
Pitch 0.8 mm
Number of rows 2
Number of potentials 12
Pin layout Linear pad geometry
Electrical characteristic shielded
Electrical propertiesNominal current IN 1.7 A IEC 60512-5-2:2002-02 (at 20°C 80-pos.)
Degree of pollution 3

Contact resistance 25 m?
Test voltage 500 V AC IEC 60512-4-1:2003
Electrical characteristic shielded
MountingMounting type SMD soldering
Pin layout Linear pad geometry
Processing notes
Process Reflow soldering
Moisture Sensitive Level MSL 1
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Selective coating
Metal surface contact area (top layer) Gold (Au)
Metal surface contact area (middle layer) Nickel (Ni)
Metal surface soldering area (top layer) Tin (Sn)
Metal surface soldering area (middle layer) Nickel (Ni)
Material data - housing
Color (Housing) black (9005)
Insulating material LCP
Insulating material group IIIb
CTI according to IEC 60112 150
Flammability rating according to UL 94 V0
Connection dataCross section AWG (converted acc. to IEC)
NotesNotes on operation The permissible voltage during operation depends on the application, taking into consideration the air clearances and creepage distances within the scope of insulation requirements in accordance with IEC 60664-1.
Details f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 0,8/ 12-FV-SH 10,85 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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